THE WIRELESS INTELLIGENCE PLATFORM

wyebot ™

Even the smallest wireless issue can become a huge headache for your most critical processes if you lack visibility into the problem and do not tackle it quickly.

But what if your system recognized and notified your IT department of network abnormalities before they turned into problems – and recommended solutions automatically?

That's what The Wireless Intelligence Platform ™ (WIP) is all about: advanced wireless optimization algorithms work alongside next-generation predictive analytics to keep your WiFi network up and running reliably and efficiently. Our unique combination of on-premise sensor hardware and cloud-based, patented software is vendor agnostic, and seamlessly integrates with any current network infrastructure. We eliminate small problems before they become big problems.

WIP'S FEATURES:

- Save up to 90% in Mean-Time-to-Resolution
- Reduce WiFi problem tickets by more than 60%
- Reduce remote site visits by up to 80%

AUTONOMIC WIFI ASSURANCE

- Capture and analyze data
- Automatically produce actionable intelligence using Artificial Intelligence
- Support for WiFi 6 (802.11ax) technology

SYNTHETIC NETWORK TESTING

- Suite of 9 Network Tests runs over Wired and Wireless Networks
- Remotely diagnose and troubleshoot
- Copy tests across locations and SSIDs

CLIENT DEVICE FORENSICS

- Data collected 24/7
- Review historical data on user interface
- Classification of APs and Clients via device fingerprinting

VENDOR AGNOSTIC AND API SUPPORT

Because WIP is Vendor Agnostic and gives an unbiased view, all features benefit from WIP's easy to use seamless integration with the existing network infrastructure. The result is future-proofing against the ever changing wireless technology and explosion of IoT devices. With WIP's API support, customers can integrate WIP's data, including test results, into their end user dashboard for one management platform.

- Complete Wireless Ecosystem Visibility
- Historical Analytics
- Automated Detection, Notification & Mitigation
- Security Breach Detection
- Vendor Agnostic
- Remote Network Test Suite
- Export Data, Reporting and Logging

THE WIRELESS INTELLIGENCE PLATFORM

AUTOMATED DETECTION, NOTIFICATION & MITIGATION

WIP automatically collects and processes all network activity, analyzing the data to detect network anomalies using an Artificial Intelligence-based engine.

Clear and concise problem statements are presented, along with actionable intelligence to correct existing issues immediately eliminating finger-pointing or proactively prevent future issues.

SECURITY BREACH DETECTION

WIP's 24/7/365 monitoring detects and notifies staff of events such as newly detected APs, security mismatches between networks, potential DoS attacks, etc. and provides a solution to help pinpoint the source.

REMOTE NETWORK TEST SUITE

The Network Test Suite ensures rapid response times even with limited staff and remote IT teams by running remote tests on a scheduled or periodic basis over Wired and Wireless Networks. IT has the ability to run tests over multiple APs and frequency bands from a single sensor, and WIP sends automatic alerts if any test fails so that resolutions can be found immediately.

WIP proactively performs a Wireless Connectivity and Internet Connectivity/Ping Tests; Application Tests; Performance Tests; Device Monitor Tests; Device Discovery Tests; Security Audit Test; a DNS Server Test, and Throughput Testing.

HISTORICAL DEVICE FORENSICS

Go back in time with the user interface and discover how specific devices operated at a point in the past. Historical graphs include data on RF Analytics, Non-WiFi Interference, RSSI, and the Noise Floor.

EXPORT DATA, REPORTING & LOGGING

Export real-time and historical wireless network data from a number of tables and graphs.

Share data with associates to support business analytics, monthly updates and quarterly reviews; this includes API support and support for SNMPv2c.

COMPLETE WIRELESS ECOSYSTEM VISIBILITY

Instant, visual updates of the entire network, including RF Analytics from non-WiFi sources, provided with long-term pattern recognition, fingerprinting and behavioral profiling.

WiFi and client issues are displayed on WIP's dashboard, color-coded based on severity. Issue details and solutions are provided on the sensor status page, including "Location Level" analytics with a summary of test results for each SSID.